

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: July 20, 1995
Date Received: July 12, 1995
Project: #7238, Metro 24 Hr. (ACW), PO M70072
Date Samples Extracted: July 13, 1995
Date Extracts Analyzed: July 18, 1995

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR CHROMIUM, COPPER, NICKEL AND ZINC
Samples Processed Using Method 3005
Results Reported as mg/L (ppm)**

| <u>Sample ID</u> | <u>Chromium</u> | <u>Copper</u> | <u>Nickel</u> | <u>Zinc</u> |
|--|-----------------|---------------|---------------|-------------|
| M70072 A Discharging | 0.58 | 0.56 | 0.57 | 0.06 |
| M70072 B No Discharge | 0.79 | 0.69 | 0.74 | 0.06 |
| <u>Quality Assurance</u> | | | | |
| Blank | <0.05 | <0.05 | <0.05 | <0.05 |
| M70072B No Discharge (Duplicate) | 0.79 | 0.69 | 0.73 | 0.05 |
| M70072B No Discharge (Matrix Spike) % Recovery | 97% | 92% | 96% | 102% |
| M70072B No Discharge (Matrix Spike Duplicate) % Recovery | 98% | 90% | 98% | 101% |
| Spike Blank % Recovery | 106% | 101% | 104% | 104% |
| Spike Level | 5 | 5 | 10 | 5 |

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

DUPLICATE COPY

July 20, 1995

INVOICE # 95ACU0720-3

**Alaskan Copper Works
628 South Hanford
Seattle, WA 98134**

**RE: Project #7238, Metro 24 Hr. (ACW), PO M70072: Results of testing requested
by Gerald Thompson, Project Leader for material submitted on July 12, 1995.**

**2 water samples analyzed for Chromium, Copper,
Nickel and Zinc @ \$65 per sample**

\$ 130.00

Amount Due

\$ 130.00

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July 20, 1995

**Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134**

Dear Mr. Thompson:

**Enclosed are the results from the testing of material submitted on July 12, 1995
from your project #7238, Metro 24 Hr. (ACW), PO M70072.**

**We appreciate this opportunity to be of service to you and hope you will call if you
should have any questions.**

Sincerely,

FRIEDMAN & BRUYA, INC.



**Bradley T. Benson
Chemist**

**jdp
Enclosures**

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AKC-0012665